

## STATEMENT OF BASIS

as required by LAC 33:IX.3109, for draft **Louisiana Pollutant Discharge Elimination System Permit No. LA0124982; AI 106632; PER20090002** to discharge to waters of the State of Louisiana as per LAC 33:IX.2311.

The permitting authority for the Louisiana Pollutant Discharge Elimination System (LPDES) is:

Louisiana Department of Environmental Quality  
Office of Environmental Services  
P. O. Box 4313  
Baton Rouge, Louisiana 70821-4313

- I.     **THE APPLICANT IS:**           Environmental Recovery Service, Inc.  
ERS Delcambre (Main Yard)  
P.O. Box 250  
Delcambre, LA 70528
  
- II.    **PREPARED BY:**               Eura DeHart
  
- DATE PREPARED:**           February 19, 2010
  
- III.   **PERMIT ACTION:**           Issue LPDES permit LA0124982, AI 106632; PER20090002
  
- LPDES application received: September 10, 2009
  
- EPA has not retained enforcement authority.
  
- LPDES Permit No. LAG541148: Issued: November 21, 2008  
Expires: June 30, 2013

LPDES Permit No. LAG541148 allows for the discharge of treated sanitary wastewater. The facility proposes to accept other types of wastewater for which the draft permit LA0124982 has been prepared. Upon issuance of final individual permit (LA0124982), the general permit LAG541148 will be terminated.

#### IV.    **FACILITY INFORMATION:**

- A. The application is for the discharge of treated wastewater from the processing of sewage sludge, treated wastewater from a centralized waste treatment operation treating metal-bearing wastewaters, and stormwater from the ERS Delcambre (Main Yard) facility by Environmental Recovery Service, Inc. (ERS).
  
- B. The facility is located at 406 South President Street in Delcambre, Iberia Parish.
  
- C. The facility will receive sewage sludge (including but not limited to domestic septage and port-o-let wastes) via pump trucks owned by Environmental Recovery Services, Inc. into 3,000 gallon sludge tanks. Sewage sludge will be settled in the storage tank and removed periodically for additional treatment at the Iberia Parish – Tete Bayou Wastewater Treatment Plant. Wastewater will be routed from the storage tanks to a 7,500 GPD extended aeration sewage treatment system and discharged via Outfall 001. Disinfection is by chlorination.
  
- D. The facility will receive acidic, metal-bearing wastewater from Bayou Companies, Inc., a metal finishing facility. The wastewater will be received via ERS pump trucks into a 10,000 gallon tank then routed to an acid wastewater treatment tank. The wastewater is filtered to remove solids and metals. The treated wastewater will be discharged via Outfall 002.
  
- E. Stormwater from the facility will be discharged via Outfall 003.

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F. Outfall 001

Discharge Location: Latitude 29° 56' 43" North  
Longitude 91° 59' 6" West

Description: treated wastewater generated by the processing of sewage sludge

Estimated Flow: 0.0075 MGD

G. Outfall 002

Discharge Location: Latitude 29° 56' 43" North  
Longitude 91° 59' 6" West

Description: treated wastewater generated by the centralized waste treatment operation

Estimated Flow: 10,000 gallons per batch

H. Outfall 003

Discharge Location: Latitude 29° 56' 43.3" North  
Longitude 91° 59' 5.4" West

Description: stormwater

Estimated Flow: Intermittent

V. RECEIVING WATERS:

The discharge is into local drainage, thence into Bayou Carlin, thence into Bayou Petit Anse in segment 060902 of the Vermilion-Teche Basin. This segment is not listed on the 303(d) list of impaired waterbodies.

The designated uses and degree of support for Segment 060902 of the Vermilion-Teche Basin are as indicated in the table below<sup>1/</sup>:

Degree of Support of Each Use						
Primary Contact Recreation	Secondary Contact Recreation	Propagation of Fish & Wildlife	Outstanding Natural Resource Water	Drinking Water Supply	Shell fish Propagation	Agriculture
Full	Full	Not Supported	N/A	N/A	N/A	N/A

<sup>1/</sup>The designated uses and degree of support for Segment 060902 of the Vermilion-Teche Basin are as indicated in LAC 33:IX.1123.C.3, Table (3) and the 2006 Water Quality Management Plan, Water Quality Inventory Integrated Report, Appendix A, respectively.

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**VI. ENDANGERED SPECIES:**

The receiving waterbody, Subsegment 060902 of the Vermilion-Teche Basin, is not listed in Section II.2 of the Implementation Strategy as requiring consultation with the U. S. Fish and Wildlife Service (FWS). This strategy was submitted with a letter dated January 5, 2010 from Rieck (FWS) to Nolan (LDEQ). Therefore, in accordance with the Memorandum of Understanding between the LDEQ and the FWS, no further informal (Section 7, Endangered Species Act) consultation is required. It was determined that the issuance of the LPDES permit is not likely to have an adverse effect on any endangered or candidate species or the critical habitat. The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat.

**VII. HISTORIC SITES:**

The discharge is from an existing facility location, which does not include an expansion beyond the existing perimeter. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the 'Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits' no consultation with the Louisiana State Historic Preservation Officer is required.

**VIII. PUBLIC NOTICE:**

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

Local newspaper of general circulation

Office of Environmental Services Public Notice Mailing List

For additional information, contact:

Mr. Eura DeHart  
Water Permits Division  
Department of Environmental Quality  
Office of Environmental Services  
P. O. Box 4313  
Baton Rouge, Louisiana 70821-4313

**IX. PROPOSED PERMIT LIMITS:**

Subsegment 060902, Bayou Carlin (Delcambre Canal) - Lake Peigneur to Bayou Petite Anse (Estuarine), is not listed on LDEQ's Final 2006 303(d) list as impaired. However, subsegment 060902 was previously listed as impaired for suspended solids/turbidity/siltation and carbofuran, for which the below TMDL's have been developed. The Department of Environmental Quality reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future to maintain the water quality integrity and the designated uses of the receiving water bodies based upon additional TMDL's and/or water quality studies. The DEQ also reserves the right to modify or revoke and reissue this permit based upon any changes to established TMDL's for this discharge, or to accommodate for pollutant trading provisions in approved TMDL watersheds as necessary to achieve compliance with water quality standards.

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The following TMDL's have been established for subsegment 060902:

## Suspended Solids/Turbidity/Siltation

As per the TMDL for TSS, Turbidity and Siltation for the 15 Subsegments in the Vermilion River Basin which was finalized on May 5, 2002, point sources do not represent a significant source of TSS as defined in this TMDL. Because effective policies are in place to limit TSS discharges, no specific reductions from point sources are required. Point sources discharge primarily organic TSS, which does not contribute to habitat impairment resulting from sedimentation. This TMDL only addresses the landform contribution of TSS/sediment and does not address the insignificant point source contributions. As per the October 2000 LA TMDL Delist (Federal Register Notice: Vol. 66, Num. 66, pages 18087-18089, 4/5/2001), assessment of new data and information shows this segment is meeting water quality standards for turbidity. Therefore, requirements for turbidity will not be placed in this permit.

## Carbofuran

According to the TMDL for the Pesticide Carbofuran in the Mermentau and Vermilion Teche River Basins which was finalized on March 21, 2002, there is one point source in the Vermilion-Teche (FMC Corp. LA0064360) but they do not discharge Carbofuran. Therefore, no allocation was given to point source discharges in the Vermilion-Teche River Basin for the pesticide Carbofuran. This facility is not expected to discharge pesticides.

## **Final Effluent Limits:**

### **OUTFALL 001**

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg.	Daily Max.	Basis
BOD <sub>5</sub>	30 mg/l	45 mg/l	Limits are set through BPJ and are consistent with the Statewide Sanitary Effluent Limitations Policy (SSELP) for sewage treatment facilities of this size.
TSS	30 mg/l	45 mg/l	Since there is no numeric water quality criterion for TSS, and in accordance with the current Water Quality Management Plan, the TSS effluent limitations shall be based on a case-by-case evaluation of the treatment technology being utilized at a facility. Therefore, a Technology Based Limit has been established through Best Professional Judgement for the type of treatment technology utilized at this facility.

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\*Concentration limits are used in accordance with LAC 33:IX.2709.F.1.b which states that mass limitations are not necessary when applicable standards and limitations are expressed in other units of measurement. LAC 33:IX.709.B references LAC 33:IX.711 which express BOD<sub>5</sub> and TSS in terms of concentration.

**Other Effluent Limitations:****1) Fecal Coliform**

The discharge from this facility is into a water body which has a designated use of Primary Contact Recreation. According to LAC 33:IX.1113.C.5.b.i, the fecal coliform standards for this water body are 200/100 ml and 400/100 ml. Therefore, the limits of 200/100 ml (Monthly Average) and 400/100 ml (Daily Maximum) are proposed as Fecal Coliform limits in the permit. These limits are being proposed through Best Professional Judgement in order to ensure that the waterbody standards are not exceeded, and due to the fact that existing facilities have demonstrated an ability to comply with these limitations using present available technology.

**2) pH**

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.).

**3) Solids and Foam**

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

**4) Metals Threshold Values**

This Office has established the following list of metals with threshold limits intended as action levels. Should a substance exceed the established threshold limit, the permittee shall notify the Office of Environmental Compliance of the exceedence, in writing, within five (5) days. At this time, the facility shall institute a study to determine the source of the substance. Within sixty (60) days of written notification the permittee shall submit a written account of the nature of the study and the measures being taken to secure abatement. Failure to comply with any provision of this paragraph shall constitute a violation of this permit. The Department reserves the right to establish effluent limitations for any of the parameters listed below based upon the results of submitted analyses.

**a. 40 CFR Part 136 Analytical Requirements**

Unless otherwise specified in this permit, monitoring shall be conducted according to analytical, apparatus and materials, sample collection, preservation, handling, etc., procedures listed at 40 CFR Part 136 (in its entirety as per LAC 33:IX.2531, Subchapter N, Adoption by Reference) in effect on the effective date of this permit. Appendices A, B, and C to Part 136 are specifically referenced as part of this requirement. Amendments to 40 CFR Part 136 promulgated after the effective date of this permit shall supersede these requirement as applicable.

The permittee may use other EPA approved test methods that provide more sensitive test results than those referenced in the permit.

**b. If any individual analytical test result is less than the minimum quantification level (MQL) listed below, a value of zero (0) may be used as the test result for those parameters.**

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## c. Metal List

Parameter	Threshold Limit (ug/l)	MQL Required (ug/l)
Total Arsenic	100	10
Total Cadmium	100	1
Total Copper	500	10
Total Lead	150	5
Total Mercury	10	0.2
Total Molybdenum	50	10
Total Nickel (freshwater)	500	40
Total Selenium	100	2
Total Zinc	500	20

## OUTFALL 002

The ERS facility receives an acidic, metal-bearing wastewater from an offsite metal finishing operation for treatment and discharge via Outfall 002. The acceptance of this type of wastewater subjects the facility to the effluent guidelines and standards of 40 CFR Part 437 - Centralized Waste Treatment Point Source Category. Other limitations are established by Best Professional Judgment based on 40 CFR Part 433 Metal Finishing Point Source Category.

The parameters listed in the EPA guidelines were screened against corresponding water quality standards. The more stringent values are being applied to Outfall 002.

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg. (mg/L)	Daily Max. (mg/L)	Basis
Oil and Grease	---	15	BPJ based on limits imposed on similar dischargers
TSS	11.3	29.6	40 CFR Part 437.14
Antimony	0.0312	0.111	40 CFR Part 437.14
Arsenic	0.199	0.0993	40 CFR Part 437.14
Cadmium	0.0439	0.1044	Water Quality Based Limit
Chromium	0.0522	0.167	40 CFR Part 437.14
Cobalt	0.0703	0.182	40 CFR Part 437.14
Copper	0.216	0.659	40 CFR Part 437.14
Lead	0.283	1.32	40 CFR Part 437.14
Mercury	0.000135	0.000177	Water Quality Based Limit
Nickel	0.309	0.794	40 CFR Part 437.14
Selenium	0.0698	0.176	40 CFR Part 437.14
Silver	0.0122	0.0318	40 CFR Part 437.14
Tin	0.0367	0.0955	40 CFR Part 437.14
Titanium	0.00612	0.0159	40 CFR Part 437.14
Vanadium	0.0518	0.0628	40 CFR Part 437.14
Zinc	0.24	0.43	BPJ based on 40 CFR Part 433.16
Cyanide	0.0279	0.0664	Water Quality Based Limit
TTO <sup>1</sup>	---	2.13	BPJ based on 40 CFR Part 433.16

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\*Concentration limits are used in accordance with LAC 33:IX.2709.F.1.b which states that mass limitations are not necessary when applicable standards and limitations are expressed in other units of measurement. LAC 33:IX.709.B references LAC 33:IX.711 which express BOD<sub>5</sub> and TSS in terms of concentration.

- <sup>1</sup> The term "TTO" means total toxic organics, which is the summation of all quantifiable values greater than 0.01 mg/L for the toxic organics listed in Table 1 (below).

## Other Effluent Limitations:

## 1) pH

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.).

## 2) Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

**TABLE 1**  
**TOTAL TOXIC ORGANICS**

<u>DIOXIN</u>	<u>MQL (µg/L)</u>
2,3,7,8-TCDD	0.00001
<u>VOLATILE COMPOUNDS</u>	<u>MQL (µg/L)</u>
Acrolein	50
Acrylonitrile	50
Benzene	10
Bromoform	10
Carbon Tetrachloride	10
Chlorobenzene	10
Chlorodibromomethane	10
Chloroethane	50
2-Chloroethylvinylether	10
Chloroform	10
Dichlorobromomethane	10
1,1-Dichloroethane	10
1,2-Dichloroethane	10
1,1-Dichloroethylene	10
1,2-Dichloropropane	10
1,3-Dichloropropylene	10
Ethylbenzene	10
Methyl Bromide [Bromomethane]	50
Methyl Chloride [Chloromethane]	50
Methylene Chloride	20
1,1,2,2-Tetrachloroethane	10
Tetrachloroethylene	10
Toluene	10
1,2-trans-Dichloroethylene	10
1,1,1-Trichloroethane	10
1,1,2-Trichloroethane	10
Trichloroethylene	10
Vinyl Chloride	10

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<u>ACID COMPOUNDS</u>	<u>MQL (µg/L)</u>
2-Chlorophenol	10
2,4-Dichlorophenol	10
2,4-Dimethylphenol	10
4,6-Dinitro-o-Cresol [2-Methyl-4,6-Dinitrophenol]	50
2,4-Dinitrophenol	50
2-Nitrophenol	20
4-Nitrophenol	50
p-Chloro-m-Cresol [4-Chloro-3-Methylphenol]	10
Pentachlorophenol	50
Phenol	10
2,4,6-Trichlorophenol	10
 <u>BASE/NEUTRAL COMPOUNDS</u>	 <u>MQL (µg/L)</u>
Acenaphthene	10
Acenaphthylene	10
Anthracene	10
Benzidine	50
Benzo(a)anthracene	10
Benzo(a)pyrene	10
3,4-Benzofluoranthene	10
Benzo(ghi)perylene	20
Benzo(k)fluoranthene	10
Bis(2-chloroethoxy) Methane	10
Bis(2-chloroethyl) Ether	10
Bis(2-chloroisopropyl) Ether	10
Bis(2-ethylhexyl) Phthalate	10
4-Bromophenyl Phenyl Ether	10
Butylbenzyl Phthalate	10
2-Chloronaphthalene	10
4-Chlorophenyl Phenyl Ether	10
Chrysene	10
Dibenzo(a,h)anthracene	20
1,2-Dichlorobenzene	10
1,3-Dichlorobenzene	10
1,4-Dichlorobenzene	10
3,3'-Dichlorobenzidine	50
Diethyl Phthalate	10
Dimethyl Phthalate	10
Di-n-Butyl Phthalate	10
2,4-Dinitrotoluene	10
2,6-Dinitrotoluene	10
Di-n-octyl Phthalate	10
1,2-Diphenylhydrazine	20
Fluoranthene	10
Fluorene	10
Hexachlorobenzene	10
Hexachlorobutadiene	10
Hexachlorocyclopentadiene	10
Hexachloroethane	20
Indeno(1,2,3-cd)pyrene [2,3-o-Phenylene Pyrene]	20
Isophorone	10
Naphthalene	10
Nitrobenzene	10
n-Nitrosodimethylamine	50



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n-Nitrosodi-n-Propylamine	20
n-Nitrosodiphenylamine	20
Phenanthrene	10
Pyrene	10
1,2,4-Trichlorobenzene	10

<u>PESTICIDES</u>	<u>ML (µg/L)</u>
Aldrin	0.05
Alpha-BHC	0.05
Beta-BHC	0.05
Gamma-BHC [Lindane]	0.05
Delta-BHC	0.05
Chlordane	0.2
4,4'-DDT	0.1
4,4'-DDE [p,p-DDX]	0.1
4,4'-DDD [p,p-TDE]	0.1
Dieldrin	0.1
Alpha-Endosulfan	0.1
Beta-Endosulfan	0.1
Endosulfan Sulfate	0.1
Endrin	0.1
Endrin Aldehyde	0.1
Heptachlor	0.05
Heptachlor Epoxide [BHC-Hexachlorocyclohexane]	0.05
PCB-1242	1.0
PCB-1254	1.0
PCB-1221	1.0
PCB-1232	1.0
PCB-1248	1.0
PCB-1260	1.0
PCB-1016	1.0
Toxaphene	5.0

**OUTFALL 003**

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

<b>Effluent Characteristic</b>	<b>Monthly Avg.</b>	<b>Daily Max.</b>	<b>Basis</b>
TOC	---	50 mg/l	BPJ based on limitations imposed on similar stormwater dischargers.
Oil and Grease	---	15 mg/l	BPJ based on limitations imposed on similar stormwater dischargers.

\*Concentration limits are used in accordance with LAC 33:IX.2709.F.1.b which states that mass limitations are not necessary when applicable standards and limitations are expressed in other units of measurement. LAC 33:IX.709.B references LAC 33:IX.711 which express BOD<sub>5</sub> and TSS in terms of concentration.

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**Other Effluent Limitations:****1) pH**

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.).

**2) Solids and Foam**

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

**X. PREVIOUS PERMIT:**

**LPDES Permit No. LAG541148:** Issued: November 21, 2008

Expires: June 30, 2013

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>		<u>Monitoring Requirements</u>	
	<u>Monthly Avg.</u>	<u>Weekly Avg.</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow	Report	Report	1/3 months	Measure
BOD <sub>5</sub>	30 mg/l	45 mg/l	1/3 months	Grab
TSS	30 mg/l	45 mg/l	1/3 months	Grab
Fecal Coliform Colonies	200	400	1/3 months	Grab
pH	6.0 (min)	9.0 (max)	1/3 months	Grab

**XI. ENFORCEMENT AND SURVEILLANCE ACTIONS:****A) Inspections**

A review of the files indicates no recent inspections have been conducted at the facility.

**B) Compliance and/or Administrative Orders**

A review of the files indicates that a Warning Letter (WE-L-07-0465) was issued on September 26, 2007 for failure to submit DMRs in a timely manner.

**C) DMR Review**

A review of the files for the time period of July 2007 to September 2009 revealed DMRs on file for each quarterly monitoring period. Each DMR for this time period indicated "No Discharge".

**XII. ADDITIONAL INFORMATION:**

The Louisiana Department of Environmental Quality (LDEQ) reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future to maintain the water quality integrity and the designated uses of the receiving water bodies based upon additional water quality studies and/or TMDL's. The LDEQ also reserves the right to modify or revoke and reissue this permit based upon any changes to established TMDL's for this discharge, or to accommodate for pollutant trading provisions in approved TMDL watersheds as requested by the permittee and/or as necessary to achieve compliance with water quality standards. Therefore, prior to upgrading or expanding this facility, the permittee should contact the Department to determine the status of the work being done to establish future effluent limitations and additional permit conditions.

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In accordance with LAC 33:IX.2903, this permit may be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitations issued or approved under sections 301(b)(2)(c) and (D); 304(b)(2); and 307(a)(2) of the Clean Water Act, if the effluent standard or limitations so issued or approved:

- a) Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
- b) Controls any pollutant not limited in the permit; or
- c) Requires reassessment due to change in 303(d) status of waterbody; or
- d) Incorporates the results of any total maximum daily load allocation, which may be approved for the receiving water body.

The requirements of Part II, Section C apply to stormwater discharges associated with industrial activity as defined in LAC 33:IX.2511.B.14.i and the LPDES Multi-Sector General Permit for Storm Water Discharges Associated with Industrial Activities Permit LAR050000. The facility is required to prepare, develop, and maintain a Stormwater Pollution Prevention Plan (SWPPP) within six (6) months of the effective date of the final permit.

At present, the **Monitoring Requirements, Sample Types, and Frequency of Sampling** as shown in the permit are as follows:

**Outfall 001:**Effluent CharacteristicsMonitoring Requirements

	<u>Measurement</u>	<u>Sample</u>
	<u>Frequency</u>	<u>Type</u>
Flow	1/week	Measure
BOD <sub>5</sub>	1 / month	Grab
Total Suspended Solids	1 / month	Grab
Fecal Coliform Bacteria	1 / month	Grab
pH	1 / month	Grab
Metals Analysis	1/6 months	Grab

**Outfall 002:**Effluent CharacteristicsMonitoring Requirements

	<u>Measurement</u>	<u>Sample</u>
	<u>Frequency</u>	<u>Type</u>
Flow	1/batch	Measure
Oil and Grease	1/batch	Grab
TSS	1/batch	Grab
Antimony	1/batch	Grab
Arsenic	1/batch	Grab
Cadmium	1/batch	Grab
Chromium	1/batch	Grab
Cobalt	1/batch	Grab
Copper	1/batch	Grab
Lead	1/batch	Grab
Mercury	1/batch	Grab
Nickel	1/batch	Grab
Selenium	1/batch	Grab
Silver	1/batch	Grab
Tin	1/batch	Grab

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Titanium	1/batch	Grab
Vanadium	1/batch	Grab
Zinc	1/batch	Grab
Cyanide	1/batch	Grab
TTO	1/month	Grab
pH	1/batch	Grab

**Outfall 003:**Effluent CharacteristicsMonitoring Requirements

	<u>Measurement</u>	<u>Sample</u>
	<u>Frequency</u>	<u>Type</u>
Flow	1/week	Measure
TOC	1 / quarter	Grab
Oil & Grease	1 / quarter	Grab
pH	1 / quarter	Grab

**XIII. TENTATIVE DETERMINATION:**

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to issue a new permit for the discharge described in this Statement of Basis.

**XIV. REFERENCES:**

Louisiana Water Quality Management Plan / Continuing Planning Process, Vol. 8, "Wasteload Allocations / Total Maximum Daily Loads and Effluent Limitations Policy," Louisiana Department of Environmental Quality, 2005.

Louisiana Water Quality Management Plan / Continuing Planning Process, Vol. 5, "Water Quality Inventory Section 305(b) Report," Louisiana Department of Environmental Quality, 1998.

Louisiana Administrative Code, Title 33 - Environmental Quality, Part IX - Water Quality Regulations, Chapter 11 - "Louisiana Surface Water Quality Standards," Louisiana Department of Environmental Quality, 2004.

Louisiana Administrative Code, Title 33 - Environmental Quality, Part IX - Water Quality Regulations, Subpart 2 - "The LPDES Program," Louisiana Department of Environmental Quality, 2004.

Low-Flow Characteristics of Louisiana Streams, Water Resources Technical Report No. 22, United States Department of the Interior, Geological Survey, 1980.

Index to Surface Water Data in Louisiana, Water Resources Basic Records Report No. 17, United States Department of the Interior, Geological Survey, 1989.

LPDES Permit Application to Discharge Wastewater, Environmental Recovery Service, Inc., ERS Delcambre (Main Yard), September 10, 2009.

Revised application information, Environmental Recovery Service, Inc., received December 4, 2009.

Revised application information, Environmental Recovery Service, Inc., received December 10, 2009.

Revised application information, Environmental Recovery Service, Inc., received February 9, 2010.

Revised application information, Environmental Recovery Service, Inc., received February 18, 2010.